



SEQUENCE LISTING

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<120> Methods for Designing IGF1 Receptor Inhibitors for Anti-Cancer
Therapeutics

<130> 1049-1-030N

<140> 10/632,139

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<160> 3

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 1367

<212> PRT

<213> Homo sapiens

<400> 1

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			20					25					30			
Cys	Gly	Pro	Gly	Ile	Asp	Ile	Arg	Asn	Asp	Tyr	Gln	Gln	Leu	Lys	Arg	
			35				40					45				
Leu	Glu	Asn	Cys	Thr	Val	Ile	Glu	Gly	Tyr	Leu	His	Ile	Leu	Leu	Ile	
	50					55					60					
Ser	Lys	Ala	Glu	Asp	Tyr	Arg	Ser	Tyr	Arg	Phe	Pro	Lys	Leu	Thr	Val	
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Ile	Thr	Glu	Tyr	Leu	Leu	Leu	Phe	Arg	Val	Ala	Gly	Leu	Glu	Ser	Leu	
				85					90					95		
Gly	Asp	Leu	Phe	Pro	Asn	Leu	Thr	Val	Ile	Arg	Gly	Trp	Lys	Leu	Phe	
			100					105					110			
Tyr	Asn	Tyr	Ala	Leu	Val	Ile	Phe	Glu	Met	Thr	Asn	Leu	Lys	Asp	Ile	
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Gly	Leu	Tyr	Asn	Leu	Arg	Asn	Ile	Thr	Arg	Gly	Ala	Ile	Arg	Ile	Glu	
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Lys	Asn	Ala	Asp	Leu	Cys	Tyr	Leu	Ser	Thr	Val	Asp	Trp	Ser	Leu	Ile	
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Leu	Asp	Ala	Val	Ser	Asn	Asn	Tyr	Ile	Val	Gly	Asn	Lys	Pro	Pro	Lys	
				165					170					175		
Glu	Cys	Gly	Asp	Leu	Cys	Pro	Gly	Thr	Met	Glu	Glu	Lys	Pro	Met	Cys	
			180					185					190			
Glu	Lys	Thr	Thr	Ile	Asn	Asn	Glu	Tyr	Asn	Tyr	Arg	Cys	Trp	Thr	Thr	
		195					200					205				
Asn	Arg	Cys	Gln	Lys	Met	Cys	Pro	Ser	Thr	Cys	Gly	Lys	Arg	Ala	Cys	
	210					215						220				

Thr	Glu	Asn	Asn	Glu	Cys	Cys	His	Pro	Glu	Cys	Leu	Gly	Ser	Cys	Ser
225					230					235					240
Ala	Pro	Asp	Asn	Asp	Thr	Ala	Cys	Val	Ala	Cys	Arg	His	Tyr	Tyr	Tyr
				245					250					255	
Ala	Gly	Val	Cys	Val	Pro	Ala	Cys	Pro	Pro	Asn	Thr	Tyr	Arg	Phe	Glu
			260					265					270		
Gly	Trp	Arg	Cys	Val	Asp	Arg	Asp	Phe	Cys	Ala	Asn	Ile	Leu	Ser	Ala
		275					280					285			
Glu	Ser	Ser	Asp	Ser	Glu	Gly	Phe	Val	Ile	His	Asp	Gly	Glu	Cys	Met
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Gln	Glu	Cys	Pro	Ser	Gly	Phe	Ile	Arg	Asn	Gly	Ser	Gln	Ser	Met	Tyr
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Cys	Ile	Pro	Cys	Glu	Gly	Pro	Cys	Pro	Lys	Val	Cys	Glu	Glu	Glu	Lys
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Lys	Thr	Lys	Thr	Ile	Asp	Ser	Val	Thr	Ser	Ala	Gln	Met	Leu	Gln	Gly
			340					345					350		
Cys	Thr	Ile	Phe	Lys	Gly	Asn	Leu	Leu	Ile	Asn	Ile	Arg	Arg	Gly	Asn
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Asn	Ile	Ala	Ser	Glu	Leu	Glu	Asn	Phe	Met	Gly	Leu	Ile	Glu	Val	Val
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Thr	Gly	Tyr	Val	Lys	Ile	Arg	His	Ser	His	Ala	Leu	Val	Ser	Leu	Ser
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Phe	Leu	Lys	Asn	Leu	Arg	Leu	Ile	Leu	Gly	Glu	Glu	Gln	Leu	Glu	Gly
			405						410					415	
Asn	Tyr	Ser	Phe	Tyr	Val	Leu	Asp	Asn	Gln	Asn	Leu	Gln	Gln	Leu	Trp
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Val	Thr	Gly	Thr	Lys	Gly	Arg	Gln	Ser	Lys	Gly	Asp	Ile	Asn	Thr	Arg
465					470					475					480
Asn	Asn	Gly	Glu	Arg	Ala	Ser	Cys	Glu	Ser	Asp	Val	Leu	His	Phe	Thr
			485						490					495	
Ser	Thr	Thr	Thr	Ser	Lys	Asn	Arg	Ile	Ile	Ile	Thr	Trp	His	Arg	Tyr
			500					505					510		
Arg	Pro	Pro	Asp	Tyr	Arg	Asp	Leu	Ile	Ser	Phe	Thr	Val	Tyr	Tyr	Lys
		515					520					525			
Glu	Ala	Pro	Phe	Lys	Asn	Val	Thr	Glu	Tyr	Asp	Gly	Gln	Asp	Ala	Cys
	530					535					540				
Gly	Ser	Asn	Ser	Trp	Asn	Met	Val	Asp	Val	Asp	Leu	Pro	Pro	Asn	Lys
545					550					555					560
Asp	Val	Glu	Pro	Gly	Ile	Leu	Leu	His	Gly	Leu	Lys	Pro	Trp	Thr	Gln
			565						570					575	
Tyr	Ala	Val	Tyr	Val	Lys	Ala	Val	Thr	Leu	Thr	Met	Val	Glu	Asn	Asp
		580						585					590		
His	Ile	Arg	Gly	Ala	Lys	Ser	Glu	Ile	Leu	Tyr	Ile	Arg	Thr	Asn	Ala
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Ser	Val	Pro	Ser	Ile	Pro	Leu	Asp	Val	Leu	Ser	Ala	Ser	Asn	Ser	Ser
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Ser	Gln	Leu	Ile	Val	Lys	Trp	Asn	Pro	Pro	Ser	Leu	Pro	Asn	Gly	Asn
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Leu	Ser	Tyr	Tyr	Ile	Val	Arg	Trp	Gln	Arg	Gln	Pro	Gln	Asp	Gly	Tyr
			645						650					655	
Leu	Tyr	Arg	His	Asn	Tyr	Cys	Ser	Lys	Asp	Lys	Ile	Pro	Ile	Arg	Lys
			660					665					670		
Tyr	Ala	Asp	Gly	Thr	Ile	Asp	Ile	Glu	Glu	Val	Thr	Glu	Asn	Pro	Lys

		675					680					685				
Thr	Glu	Val	Cys	Gly	Gly	Glu	Lys	Gly	Pro	Cys	Cys	Ala	Cys	Pro	Lys	
	690					695					700					
Thr	Glu	Ala	Glu	Lys	Gln	Ala	Glu	Lys	Glu	Glu	Ala	Glu	Tyr	Arg	Lys	
705					710					715					720	
Val	Phe	Glu	Asn	Phe	Leu	His	Asn	Ser	Ile	Phe	Val	Pro	Arg	Pro	Glu	
				725					730					735		
Arg	Lys	Arg	Arg	Asp	Val	Met	Gln	Val	Ala	Asn	Thr	Thr	Met	Ser	Ser	
				740				745					750			
Arg	Ser	Arg	Asn	Thr	Thr	Ala	Ala	Asp	Thr	Tyr	Asn	Ile	Thr	Asp	Pro	
				755				760				765				
Glu	Glu	Leu	Glu	Thr	Glu	Tyr	Pro	Phe	Phe	Glu	Ser	Arg	Val	Asp	Asn	
	770					775						780				
Lys	Glu	Arg	Thr	Val	Ile	Ser	Asn	Leu	Arg	Pro	Phe	Thr	Leu	Tyr	Arg	
785					790					795					800	
Ile	Asp	Ile	His	Ser	Cys	Asn	His	Glu	Ala	Glu	Lys	Leu	Gly	Cys	Ser	
				805					810					815		
Ala	Ser	Asn	Phe	Val	Phe	Ala	Arg	Thr	Met	Pro	Ala	Glu	Gly	Ala	Asp	
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Asp	Ile	Pro	Gly	Pro	Val	Thr	Trp	Glu	Pro	Arg	Pro	Glu	Asn	Ser	Ile	
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Phe	Leu	Lys	Trp	Pro	Glu	Pro	Glu	Asn	Pro	Asn	Gly	Leu	Ile	Leu	Met	
	850					855					860					
Tyr	Glu	Ile	Lys	Tyr	Gly	Ser	Gln	Val	Glu	Asp	Gln	Arg	Glu	Cys	Val	
865					870					875					880	
Ser	Arg	Gln	Glu	Tyr	Arg	Lys	Tyr	Gly	Gly	Ala	Lys	Leu	Asn	Arg	Leu	
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Asn	Pro	Gly	Asn	Tyr	Thr	Ala	Arg	Ile	Gln	Ala	Thr	Ser	Leu	Ser	Gly	
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	930					935					940					
Leu	Leu	Ile	Val	Gly	Gly	Leu	Val	Ile	Met	Leu	Tyr	Val	Phe	His	Arg	
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Lys	Arg	Asn	Asn	Ser	Arg	Leu	Gly	Asn	Gly	Val	Leu	Tyr	Ala	Ser	Val	
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Asn	Pro	Glu	Tyr	Phe	Ser	Ala	Ala	Asp	Val	Tyr	Val	Pro	Asp	Glu	Trp	
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Ser	Phe	Gly	Met	Val	Tyr	Glu	Gly	Val	Ala	Lys	Gly	Val	Val	Lys	Asp	
	1010					1015					1020					
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